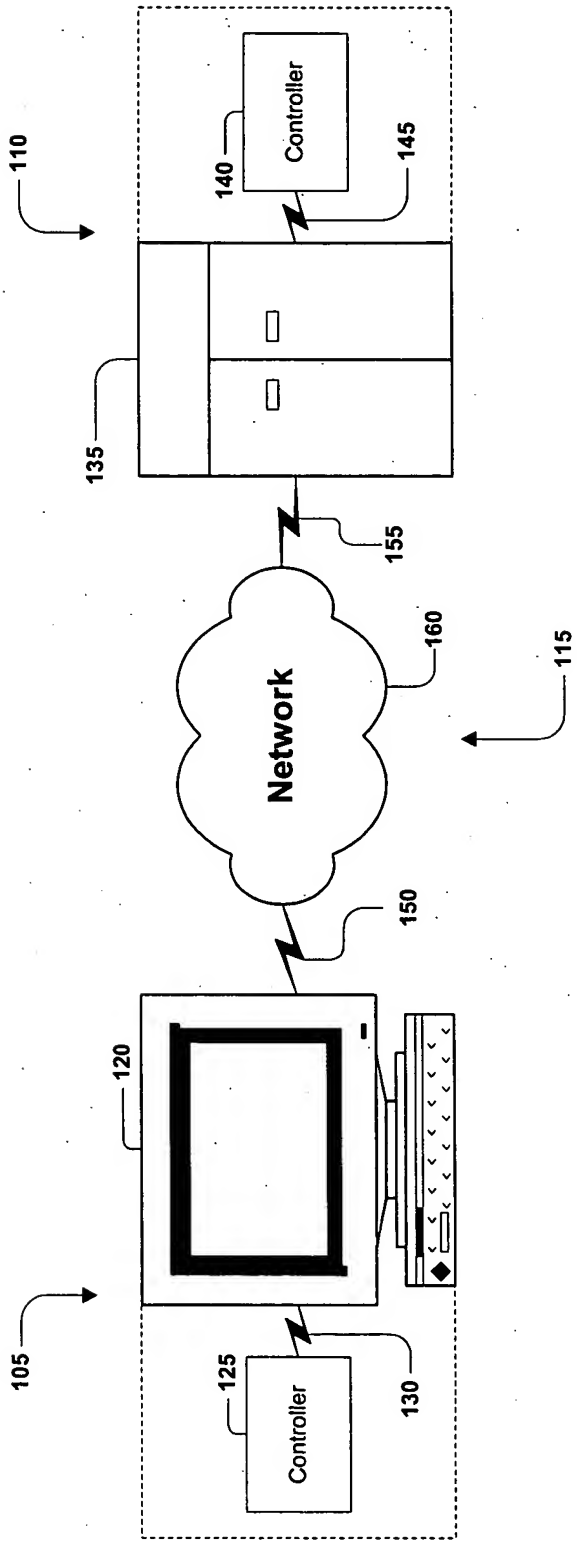

100
110
Controller
140
145
135
155
Network
160
115
150
120
105
125
Controller
130

Fig. 1

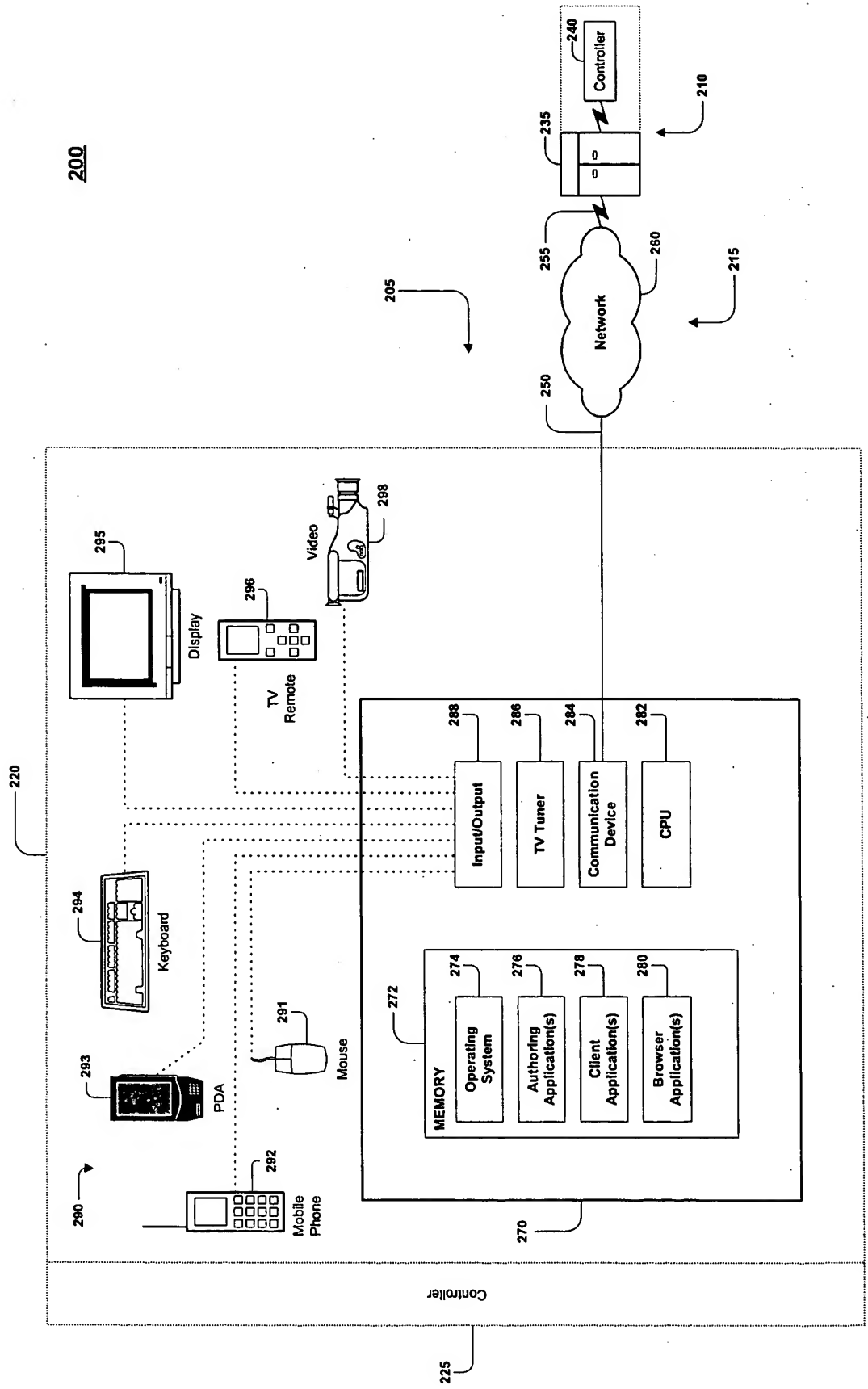

200
205
210
215
220
225
235
240
Controller
255
260
Network
250
270
295
Display
296
TV Remote
298
Video
294
Keyboard
291
Mouse
293
PDA
290
292
Mobile Phone
Input/Output
288
TV Tuner
286
Communication Device
284
CPU
282
MEMORY
272
Operating System
274
Authoring Application(s)
276
Client Application(s)
278
Browser Application(s)
280
Controller

Fig. 2

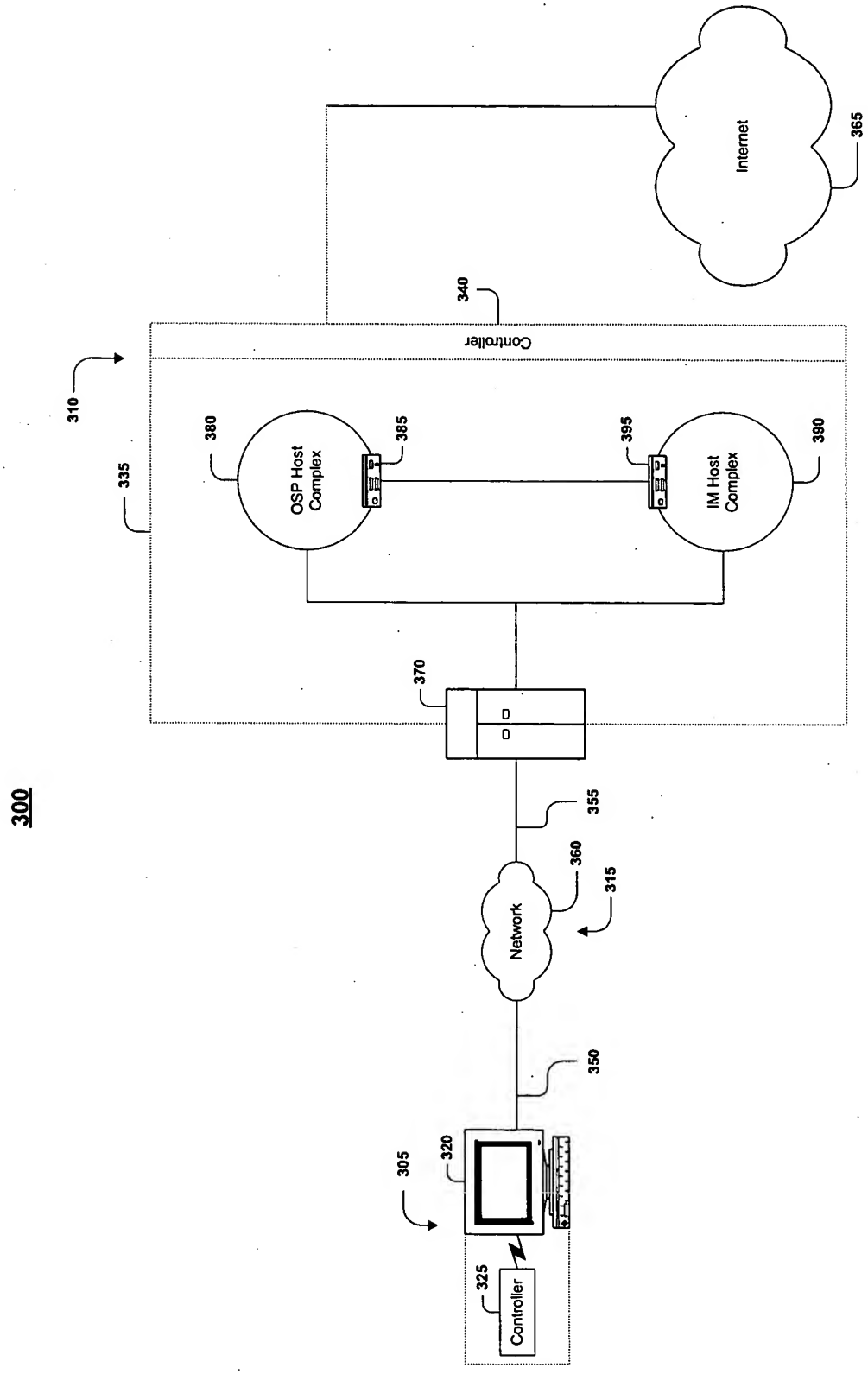

300
Internet
365
340
Controller
310
380
OSP Host Complex
385
395
IM Host Complex
390
335
370
355
360
Network
315
350
305
320
325
Controller

Fig. 3

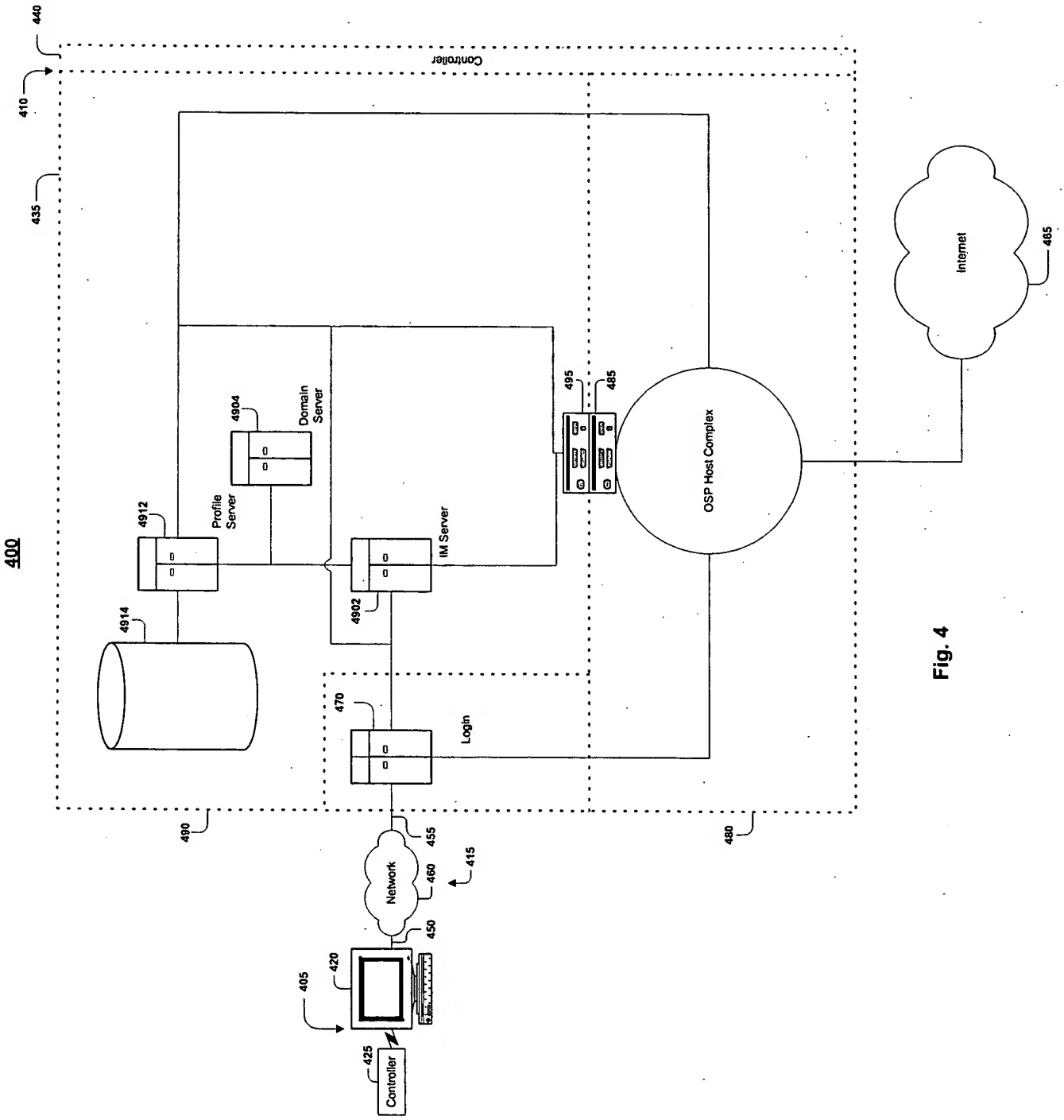

400
440
410
435
Controller
Internet
465
OSP Host Complex
485
495
Domain Server
4904
Profile Server
4912
IM Server
4902
4914
Login
470
490
480
Network
455
460
415
450
420
405
425
Controller

Fig. 4

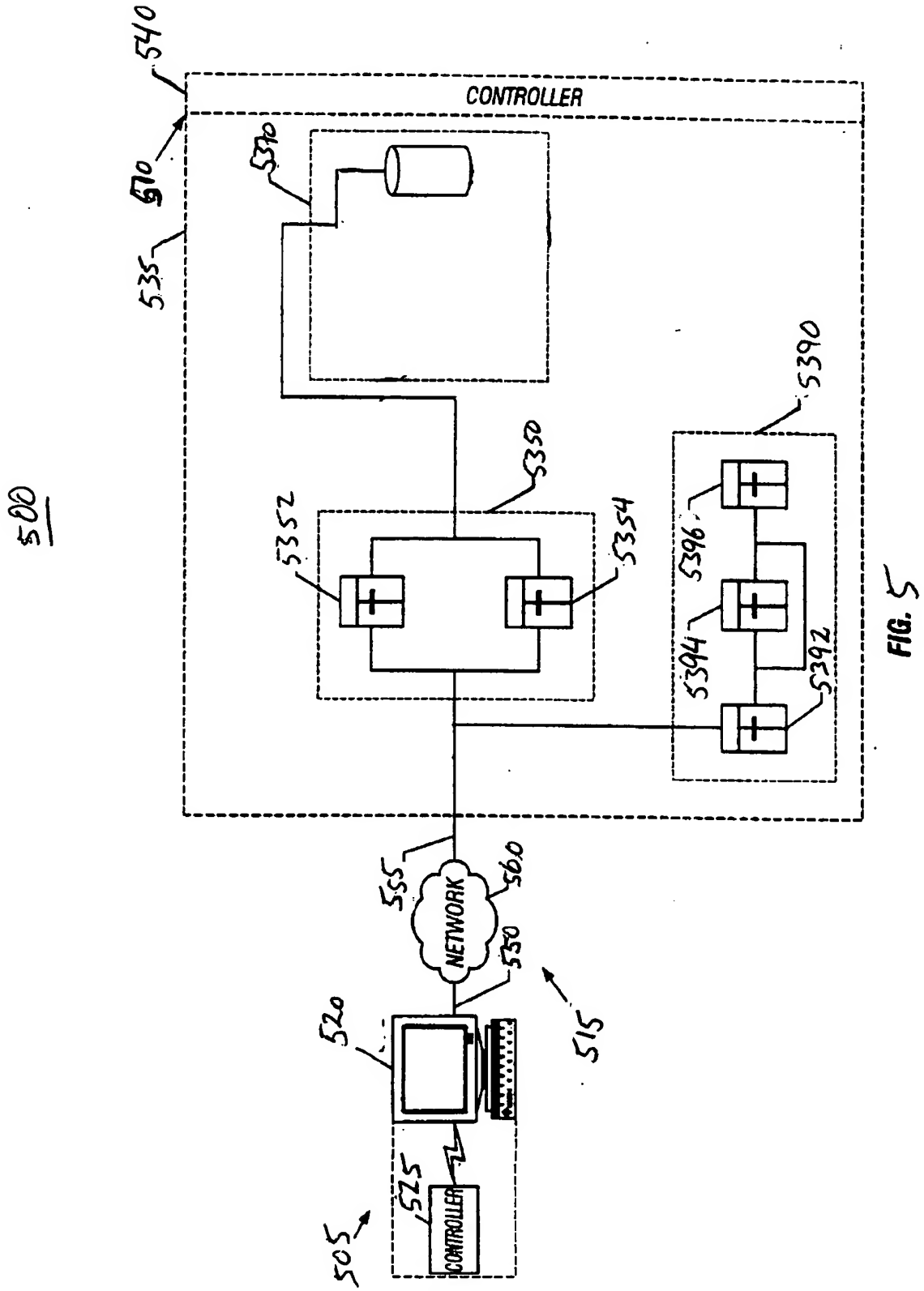

500
540
CONTROLLER
570
535
5390
5350
5352
5354
5396
5394
5392
555
560
NETWORK
530
520
515
525
CONTROLLER
505

FIG. 5

600

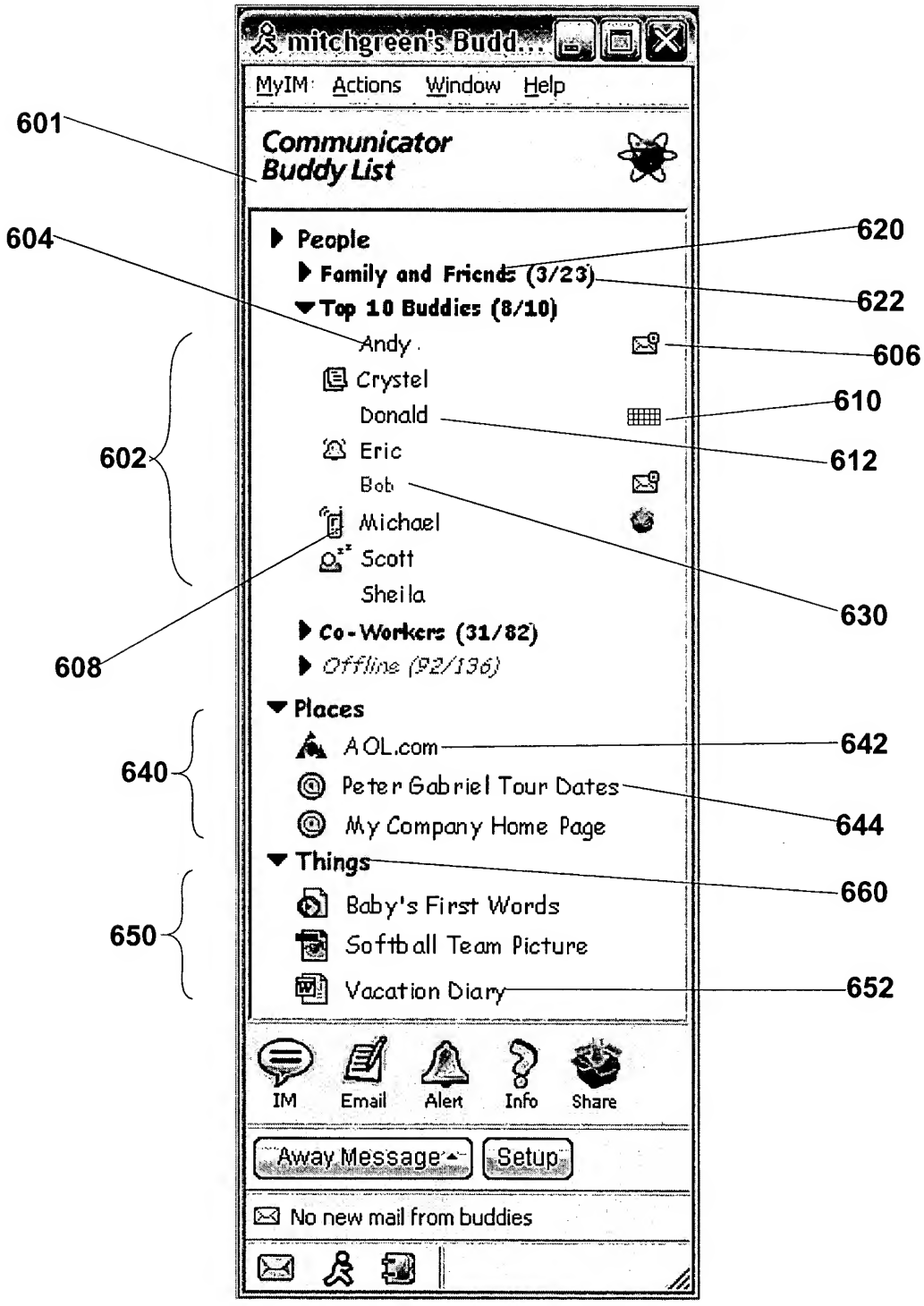
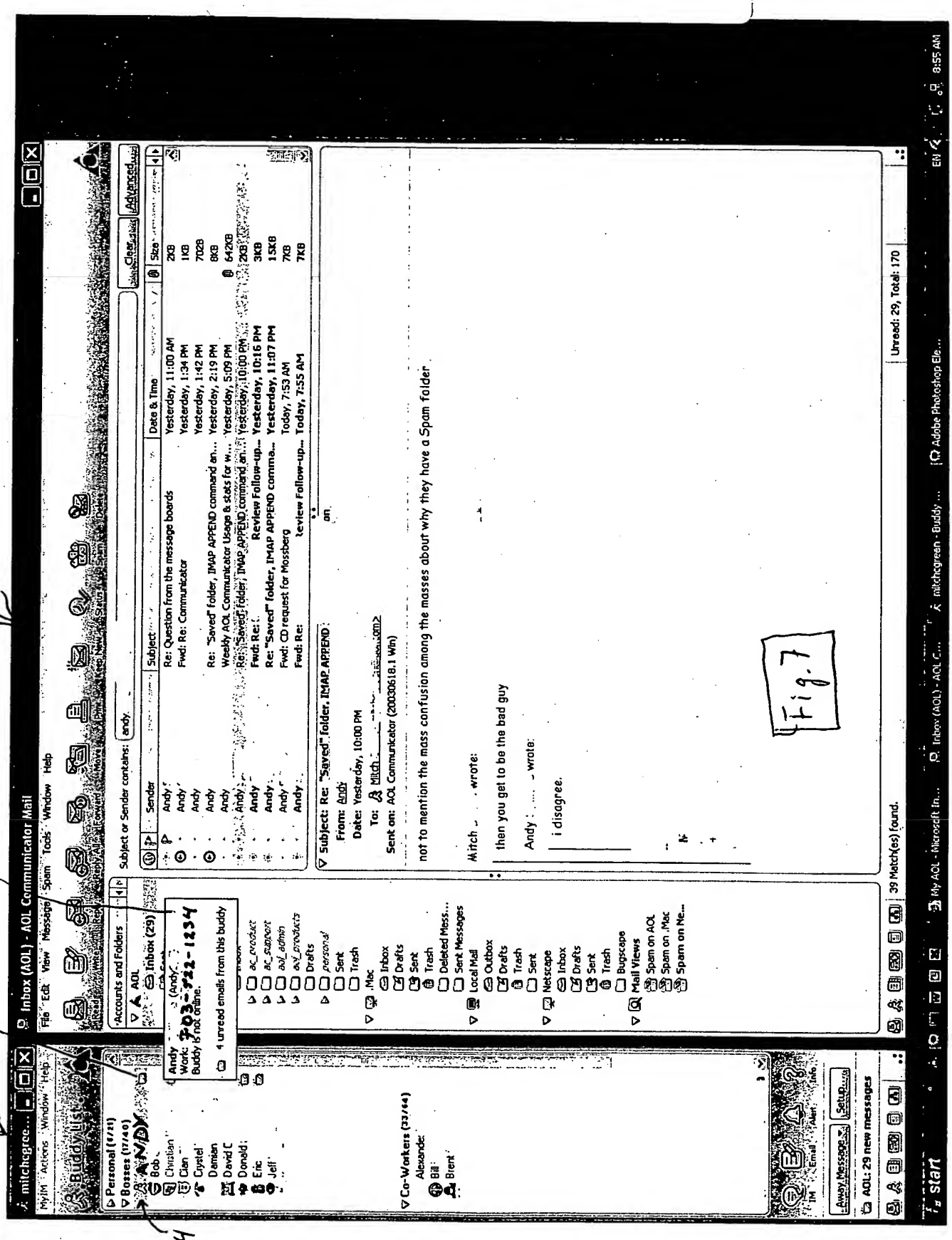


Fig. 6

BEST AVAILABLE COPY



BEST AVAILABLE COPY

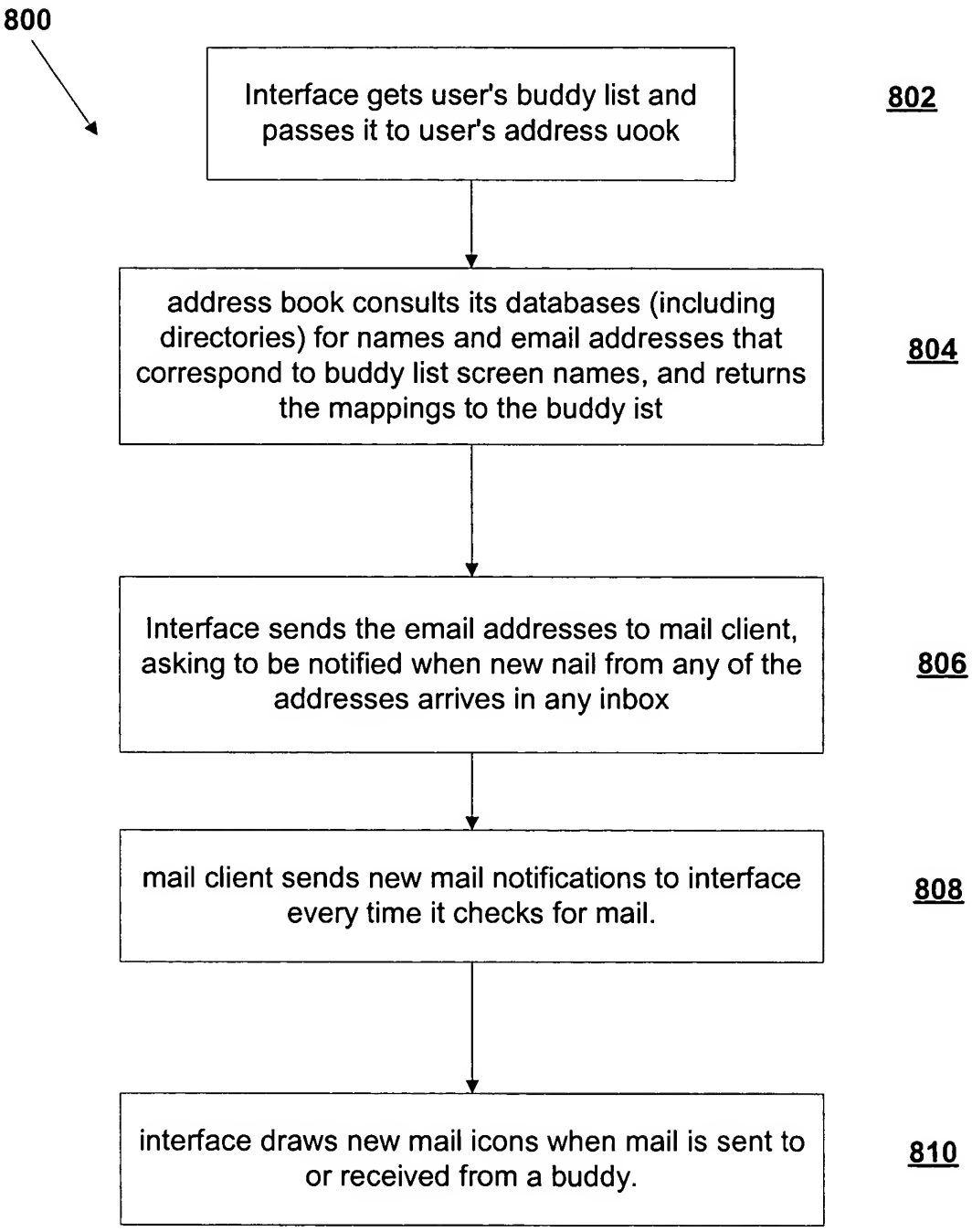

800
Interface gets user's buddy list and passes it to user's address uook
802
address book consults its databases (including directories) for names and email addresses that correspond to buddy list screen names, and returns the mappings to the buddy ist
804
Interface sends the email addresses to mail client, asking to be notified when new nail from any of the addresses arrives in any inbox
806
mail client sends new mail notifications to interface every time it checks for mail.
808
interface draws new mail icons when mail is sent to or received from a buddy.
810

Fig. 8

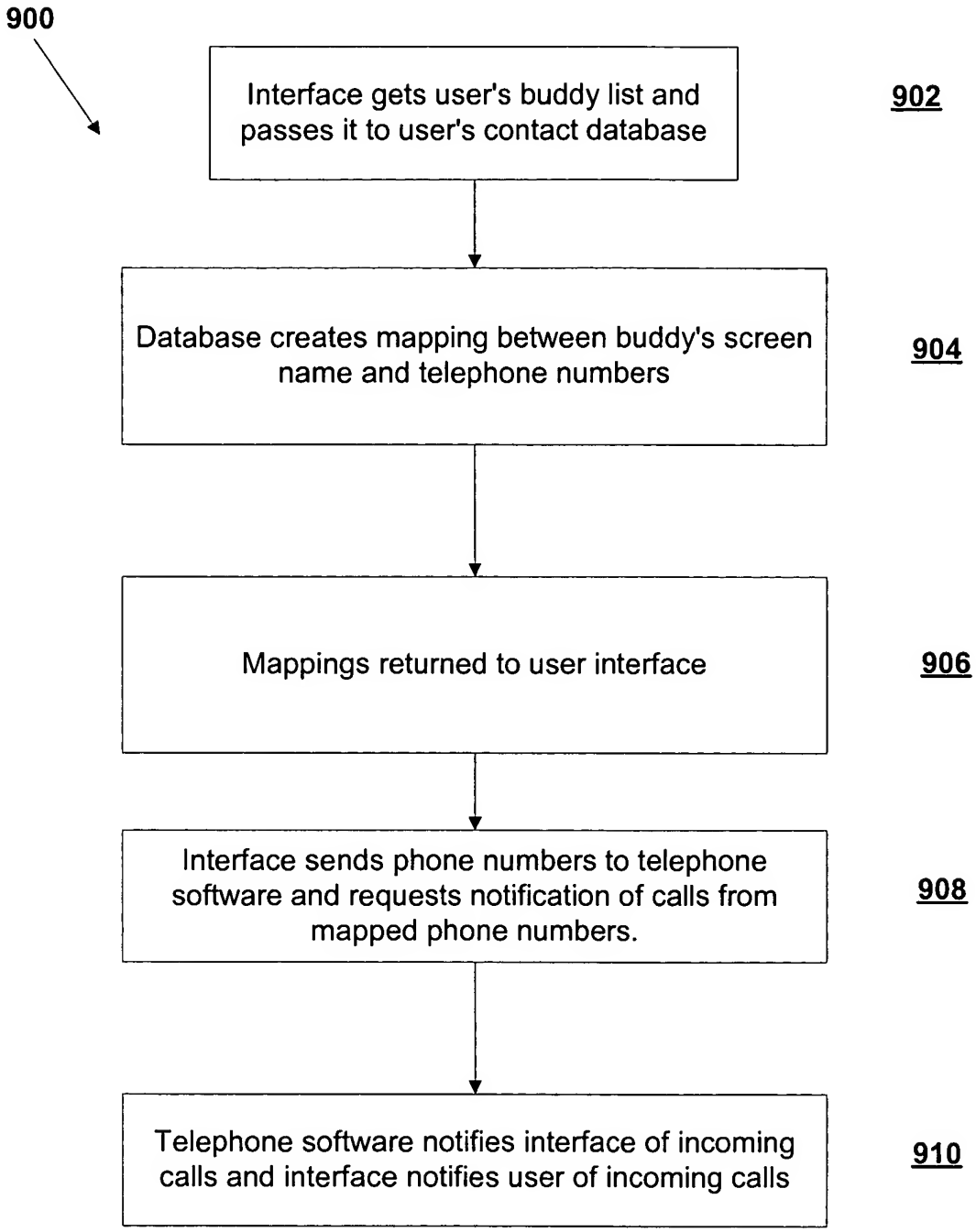

900
Interface gets user's buddy list and passes it to user's contact database
902
Database creates mapping between buddy's screen name and telephone numbers
904
Mappings returned to user interface
906
Interface sends phone numbers to telephone software and requests notification of calls from mapped phone numbers.
908
Telephone software notifies interface of incoming calls and interface notifies user of incoming calls
910

Fig. 9

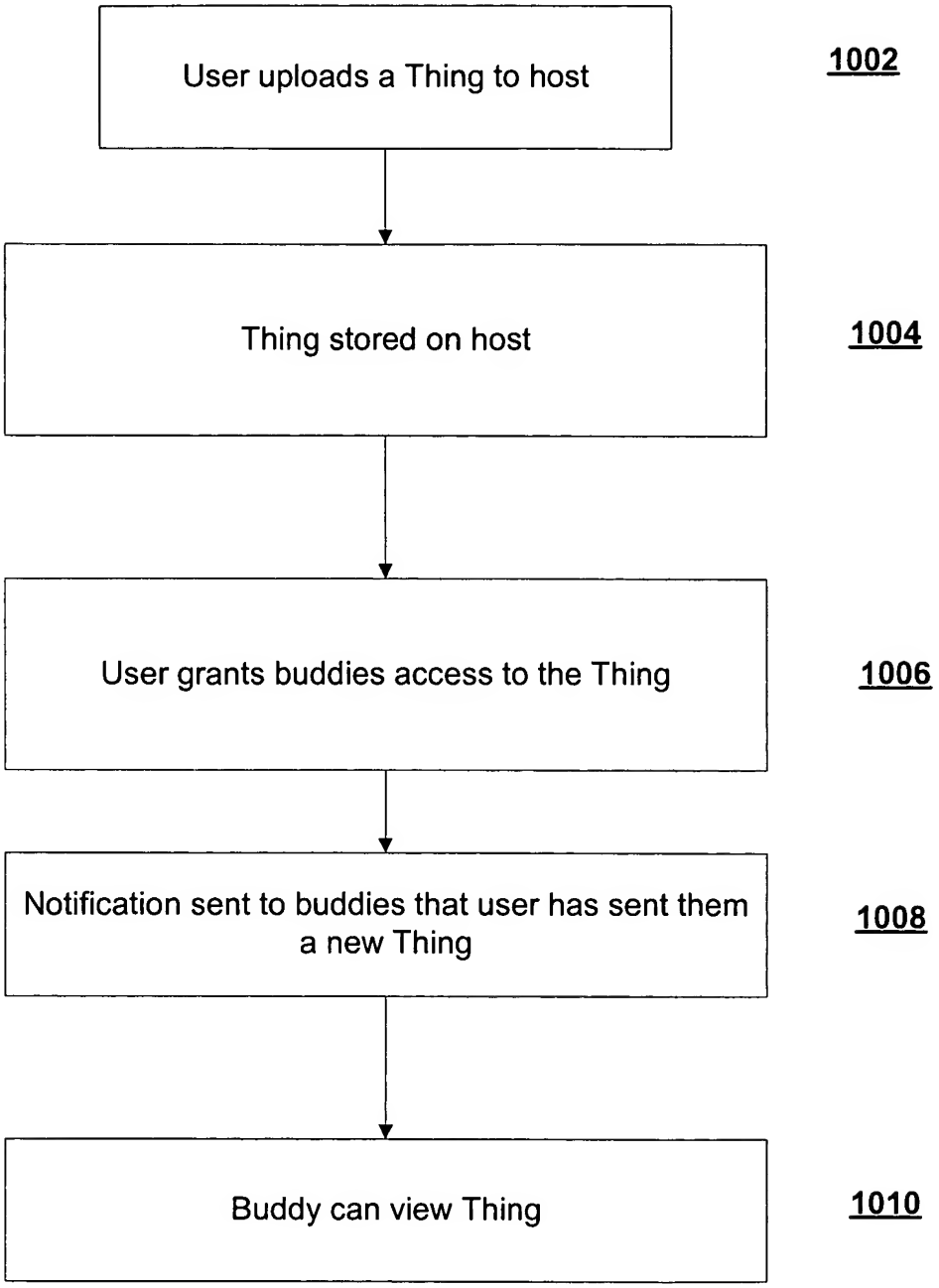

User uploads a Thing to host
1002
Thing stored on host
1004
User grants buddies access to the Thing
1006
Notification sent to buddies that user has sent them a new Thing
1008
Buddy can view Thing
1010

Fig. 10